Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

No. First & Part Bill (For Other Works) Date:
Division EE (Projects) Sub-Division : AEE (Projects)
Bill Received No.....Dated.....Cash Book Voucher No.....dated.....
Scheduled Docket No.

Name of Work (as per sanctioned estimate): BALANCE WORKS FOR THE CONSTRUCTION OF ADDITIONAL CLASSROOM, TOILET AND UPGRADATION OF EXISTING 1ST AND 2ND FLOOR YELAHANKA GOVT DEGREE COLLEGE YELAHANKA IN WARD NO-01.

Reference to Agreement No. EE/Project/AG/20/2018-19 Dated: 30-10-2018
Work order No .EE/Project/YNK Zone/WO/20/2018-19 Dated: 30-10-2018
Job Code : 001-18-000063 Budget head : P-3250 Est. cost: 75.00 L.
Name of Contractor and Full Address: Sri.C.N.S Murthy
Certified that the measurements were taken by me on 19/01/19 and recorded of Pages: 220302 to 220326 of measurement Book No: 07/2018-19 and that the work is satisfactorily executed.

2207

Contractor **Officer-in-charge of work**

Certified that the measurements were verified by me on 19.1.19 and found correct.
The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

If Memorandum of Payment Sub-Division Officer

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

1) Total value of work done or supplies made as per account with in	Total Rs:	59,54,802-00
2) Deduct amount to be held in reserve being.....percent Rs.....	IT -	59548-00
3) " Balance	CESS -	59548-00
4) Deduct Payments :	CBF -	59552-00
a) Amount of previous payment as in the Office cash Book Voucher No.....Dated.....S.D. No.....	LR -	33021-00
Amount adjusted towards cash advance recovery of	CGST -	531681-00
b) Payments cost store or other materials supplied.	SGST -	531681-00
Now made recovery of amount creditable to this/other work	Adju.	2346891-00
Amount paid on this bill Cheque/Cash	Cheque	57,20,113-00
5) Balance being unpaid value of work done held in reserve		
6) Deduct cash advance made on the Office Cash Book Voucher No.....dated.....less adjustments		
7) Net amount due to or from contractor Unadjusted items		
8) Advance to contractor for materials brought to site (as detailed) within		

Contractor's Signature

Received Rs..... (In words)
.....
By Cash and by adjustment of Payment as per memorandum
Witnesses:

1.
2.
Dated.....Signature of Contractor

(For use in the Office)
Passed & Admitted for Rs.....
Rs: 59,54,802-00
.....
Stamp
Rs: 57,20,113-00 by Cheque
and Rs. 2346891-00 by Adjustment

Paid by me by cheque
No.....Dated.....
Cash Rs.....Dated.....

Accts. Supdt. 21/01
Project Division
B.B.M.P.

Exe. Engineer
Project Division
B.B.M.P

Initials of Officer making payment Executive Engineer

SL	Specifications	Unit	Estimated Quantity	Previous Quantity		Present Quantity			Upto Date Quantity	
				Qty	Amount	Qty	Rate	Amount	Qty	Amount
1	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherver required smooth rendering, : Providing and removing scaffolding, cost of materials, labour, curing complete as per specifications and direction of the Engineer in charge.for Outside Plastering. (P 114,I No 15.16)	Sqm	840.51			24.96	257.66	6431.07	24.96	6431.07
2	Providing Ceramic tiles of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. size of 30x30cms 6mm thick. (P 105, I No 14.36.2)	Sqm	228.93			11.23	1371.05	15395.67	11.23	15395.67
3	Providing Skirting, Dado, rises of steps with colour glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over roughj plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, Complete as per specifications. size 30 x 45 cms - 6mm thick with border of size 30x10cms. (P 106, I No 14.41.3)	Sqm	710.37			40.36	1304.60	52653.55	40.36	52653.55
4	Providing rough cement plastering 15mm thick in single coat with cement mortar 1:6 to brick masonry for base of dadooing works with sand of approved quality,providing and removing scaffolding,including cost of materials,labour,curing complete as per specification. (P 114, I No 15.31)	Sqm	710.37			710.37	183.04	130026.14	710.37	130026.14
5	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers including cost of all materials cost oif labour and scaffolding etc complete as per the specifications (P 126, I No 15.106)	Sqm	1850.82			25.17	65.29	1643.30	25.17	1643.30
6	Providing and applying painting in two coats with plastic Emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications and as per the directions of the Engineer in charge. (with Primer) (P 117, I No 15.51.2)	Sqm	1850.82			25.17	104.93	2641.02	25.17	2641.02

SL	Specifications	Unit	Estimated Quantity	Previous Quantity		Present Quantity			Upto Date Quantity	
				Qty	Amount	Qty	Rate	Amount	Qty	Amount
7	Providing and laying in positon plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregrates @ 0.69cum and fine aggregates @ 0.43cum,with super plastisiser @ 3 litres confirming to IS 9103-1999 reaffirmed-2008, machine mixed concrete laid in layers not exceeding 15 cms thick will compacted in foundation, plinth and cills including cost of all materials, labour, HOM of machinery curing complete as per specifications. (P 12, I No 4.5)	Cum	17.07			10.80	6461.20	69780.92	10.80	69780.92
8	Extra for use of water proofing compound in cement concrete of mix M-20, @ 1kg of compound per Bag of cement. (P 14, I No 4.25)	Cum	6.27			6.27	220.35	1380.70	6.27	1380.70
9	Fixtures Providing and fixing of Door locking arrangements (P XIV, I No 397)	Each	6.00			6.00	701.68	4210.05	6.00	4210.05
10	Providing and fixing of Handles powder coated 150mm (P XIV, I No 393)	Each	36.00			30.00	64.77	1943.10	30.00	1943.10
11	Providing and fixing of Hinges 5" heavy duty (P XIV, I No 395)	Each	54.00			46.00	39.94	1837.31	46.00	1837.31
12	Providing and fixing of Hold fasts MS (P XIV, I No 396)	Each	6.00			6.00	41.02			
13	Providing and fixing of Tower bolt 300mm long (P XIV, I No 412)	Each	37.00			34.00	129.54	4404.36	34.00	4404.36
14	Providing and finishing external walls in two coats over one coat of 100% acrylic silicon glazed primer with antifungal paint for top coat of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material free from mortar drops and other foreign matter cost of all material,labour,complete as per specification.(P-125,I No-15.104)	Sqm	2673.78			2079.84	176.04	366145.85	2079.84	366145.85
15	Providing and fixing of windows made of pre-painted steel(base steelas per IS 513 of 0.58mm tick galavanized as per IS 277 with zinc of 120GSM) Primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 micron thick and back coated with 5-7 microns thick alkyd backer.Section for outer frame should be of 72x55mm,center mullion should bo of 72x52mm,section of the fixed glass beading should bo of 12x12mm and section of the shutter should be of 48x25mm.Outerand 20mm provision for guard bars/grill fly mesh shutters secxtion should corner bracket.Centre mullion is to be fixed with million cap.Handles latch 2 nos of heavy duty stainless steelpvot hingers shall be provided and S S mesh for fly meash shutter(304 grade).Rubber gaskets are to be provided all around the glass the above frames should be fixed to 10mm square guard bars with 6''(152.4mm)patch complete Double shutter window with vertical mullion 3'0''x4'0''(914.4mmx1219.2mm)outer frame section of 72x52mm shutter frame section size of 48x25mm mullion section size of 72x50mm. (P 305, I No 36.36.1)	Sqm	170.06			170.06	8478.13	1441770.26	170.06	1441770.26

SL	Specifications	Unit	Estimated Quantity	Previous Quantity		Present Quantity			Upto Date Quantity	
				Qty	Amount	Qty	Rate	Amount	Qty	Amount
16	Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches,stacking the excavated soil clear from edges of excavation with lead upto 50 m.after breaking of clods complete as per specification.For Hard Soil.(P-5,I NO 2.4)	Cum	136.20			129.69	329.94	42789.71	129.69	42789.71
17	Providing and constructing load bearing wall with Soild concrete blocks of size 400x200x200mm having blocks density not less than 1800kgs/m3 having a minimum average comprisive strength 0f 4.00 N/m2 conforming to I.S. 2185 0f 2005 and constructed with CM 1:4 as per IS 2572-2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machineries etc.,complete as per specifications.(P-25,I NO 5.26.1)	Sqm	26.04			26.04	1223.90	31870.48	26.04	31870.48
18	Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc., in the Cement concrete road.(P-264,I NO 37.40)	Cum	2.81			2.81	707.68	1990.34	2.81	1990.34
19	Constructing brick masonry inspection chamber 600x600mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover with frame (light duty) 600x600mm internal dimensions, TOTALweight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete 1:2:4 mix 20mm and downsize granite metal , foundation concrete 1:5:10 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications.(P-73,I NO 11.50.1)	Nos	13.00			13.00	10439.11	135708.44	13.00	135708.44
20	Providing and fixing unplasticised PVC pipes 10.00 kg/sqcm working pressure chemp plast / wavin or equivalent make with 200mm outer dia pipe fittings,clips making good the floor,including cost of all materials,labour charges, HOM of equipment and testing, complete as per specifications.(P-75,I NO 11.56.5)	m	80.00			80.00	2142.85	171428.05	80.00	171428.05
21	Providing and fixing on wall surface 4.0 kg / sq.cm H.D.P.E. raindown water pipes 110mm outer dia approved make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, complete as per specifications.(P-47,I NO 8.19)	m	355.00			355.00	662.21	235084.01	355.00	235084.01

SL	Specifications	Unit	Estimated Quantity	Previous Quantity		Present Quantity			Upto Date Quantity	
				Qty	Amount	Qty	Rate	Amount	Qty	Amount
22	Providing and laying reinforced cement concrete pipe NP2 for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of all materials, labour, curing complete as per specifications. Specifications.with 1200mm dia. No. KSRB 1000, 2300 MOST Specification No.1000 / 2300.(P-253,I NO 34.7.8)	m	6.00			6.00	7163.04	42978.26	6.00	42978.26
23	Providing and fixing on wall surface 4.0 kg / sq.cm H.D.P.E. raindown water pipes 90mm outer dia approved make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, complete as per specifications.(P-47,I NO 8.18)	m	105.00			105.00	498.99	52393.75	105.00	52393.75
24	Providing & fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and cost of cutting chases and making good the same including testing of joints complete.with 25mm nominal OD pipes (concealed work including cutting chases and good the walls etc.).(P-96,I NO 13.86.3)	m	205.00			205.00	291.47	59750.33	205.00	59750.33
25	Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications.(For 1000 litre capacity).(P-94,I NO 13.78)	Nos	2.00			2.00	9871.34	19742.67	2.00	19742.67
26	Providing and fixing white vitreous china clay, flat back, lipped front urinal basin of 430x260x350mm in the range of two 7.5 litre P.V.C with automatic flushing cistern, C.I / M.S brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.(P-78,I NO 12.8)	Unit	28.00			28.00	4810.34	134689.47	28.00	134689.47
27	Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a pair of 15mm C.P brass pillar taps with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.(P-80,I NO 12.23)	Unit	22.00			22.00	4530.53	99671.70	22.00	99671.70

SL	Specifications	Unit	Estimated Quantity	Previous Quantity		Present Quantity			Upto Date Quantity	
				Qty	Amount	Qty	Rate	Amount	Qty	Amount
28	Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.(P-77,I NO 12.5)	Each	25.00			25.00	5980.86	149521.55	25.00	149521.55
29	Providing and fixing white vitreous china clay, water closet Orissa pattern of size 580 x 440mm with integral type footrests, 100mm S or P trap, 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.(P-77,I NO 12.2)	Pan	3.00			3.00	5055.17	15165.51	3.00	15165.51
30	Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.(P-91,I NO 13.24)	Each	50.00			50.00	283.30	14165.20	50.00	14165.20
31	Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia.(P-88,I NO 12.111)	Each	40.00			40.00	186.54	7461.50	40.00	7461.50
32	Providing and fixing in position brass stop cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.(P-91,I NO 13.27)	Each	30.00			30.00	186.54	5596.13	30.00	5596.13
33	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Set	35.00			35.00	355.59	12445.56	35.00	12445.56
34	Providing and fixing in position collapsible steel shutters with single or double leaf with vertical channel 20mmx10mmx2mm braced with flat iron diagonals 20mmx5mm size, with top and bottom rails of T iron sections of 40x40x6 mm with 38mm steel pulleys complete with bolt and nuts, locking arrangements, stoppers, handles on both sides with 7.5cms openings at 10 cms. c to c applying a priming coat of red lead paint. cost of materials, labour, HOM of machinery complete as per specifications. size of gate 2.4mx1.4m Specification.(P-31,I NO 7.1)	Sqm	37.87			31.03	4701.91	145909.78	31.03	145909.78

Sl.	Specifications	Unit	Estimated Quantity	Previous Quantity		Present Quantity			Upto Date Quantity	
				Qty	Amount	Qty	Rate	Amount	Qty	Amount
35	Providing and fixing in position Powder coated aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm, with 1.2mm thick, bottom section weight 0.695kg/m, sides and top sections 1.3mm, thick weight 0.659 kg/m, and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg/m, shutter outer side 40mmx18mm, 1.25mm, thick weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc., and providing and fixing 5.5mm, thick plain glass for shutters fitted with rubber beading aluminum sections anodised 12 to 15 microns, including cutting to required length, joints mitred subdividing the frame tenonned and rivetted in the assembled frame stiffened with end clips at corners angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be with necessary steel screws, raul plugs, or teak wood gatties including cutting masonry or concrete and making good the original surface using cement	Sqm	8.51			8.51	5515.68	46910.89	8.51	46910.89
36	Coneying the excavated debries and over burden earth etc to a lead 15 kms distances by using private vehicles this including the cost of loading and inloading charges etc	Sqm	616.20			616.20	125.22	77161.80	616.20	77161.80
37	Providing wall bores in size stone masonry upto 45 cm thick .(P-264,I NO 37.36.1)	Each	25.00			25.00	218.02	5450.40	25.00	5450.40
38	Providing and fixing M.S. Hand raillings for Balcony/ staircase etc., with 50mm dia.M.S.hollow pipe of 14 gauge welded to 20mmx20mm M.S Square rod placed vertically,spaced at 100mm at regular intervels of 600mm.These vertical rods laterally tied to 3 horizontal rods spaced at equal interval. These assembly is fixed to concrete by using expansion bolts and welding the same to reinforcement bars and making good the surface.All the joints and sections hould be cut to length,welded and grinded wherever necessary etc., complete. The work including cost of all materails,labour charges for all items of work ,hire charges for welding,cutting and grinding equipment and electricity charges .etc., complete as per specification and drawing.(P-42,I NO 7.35)	Sqm	117.60			117.60	3084.87	362780.19	117.60	362780.19
39	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications..(P-32,I NO 7.9)	Kgs	4880.40			1942.50	90.94	176645.28	1942.50	176645.28
	Providing and Supplying Black Boards.	Nos	10.00			10.00	13601.70	136017.00	10.00	136017.00

Sl.	Specifications	Unit	Estimated Quantity	Previous Quantity		Present Quantity			Upto Date Quantity	
				Qty	Amount	Qty	Rate	Amount	Qty	Amount
41	Concealed Conduit System Supplying heavy gauge PVC conduit pipe .....mm dia .....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary.19/20mm dia 2mm thick. (P.NO.2 ,I.No. 1.2.1)	Mtr	960.00			960.00	46.42	44561.76	960.00	44561.76
42	Concealed Conduit System Supplying heavy gauge PVC conduit pipe .....mm dia .....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary.19/20mm dia 2mm thick. (P.NO.2 ,I.No. 1.2.1)25mm dia 2mm thick. (P.NO.2 ,I.No. 1.2.2)	Mtr	745.00			745.00	61.53	45840.97	745.00	45840.97
43	Concealed Conduit System Supplying heavy gauge PVC conduit pipe .....mm dia .....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary.19/20mm dia 2mm thick. (P.NO.2 ,I.No. 1.2.1)32mm dia 2.5mm thick .(P.NO.2 ,I.No. 1.2.3)	Mtr	80.00			80.00	97.16	7772.40	80.00	7772.40
44	Extra for Groove cutting in brick wall/CC floor to the suitable depth for concealing of Conduit/GI pipe and plastering, finishing upto wall surface complete. upto 50mm conduit in brick wall(P.NO 3,1.7.1)	Mtr	385.00			385.00	22.67	8727.76	385.00	8727.76
45	Supplying and fixing of PVC casing and capping on the wall or ceiling using necessary materials like bends, screws at an interval of 300mm .... etc. as required. 25mm(P.NO 3,1.8.2)25mm(P.NO 3,1.8.2)	Mtr	10.00			10.00	28.07	280.67	10.00	280.67
46	Supplying and fixing of PVC casing and capping on the wall or ceiling using necessary materials like bends, screws at an interval of 300mm .... etc. as required. 25mm(P.NO 3,1.8.2)25mm(P.NO 3,1.8.2)	Mtr	10.00			10.00	37.78	377.83	10.00	377.83
47	Supplying PVC/GI flexible conduit pipe...mm dia fixing on surface over inverted tapered wooden plugs or phill plugs or rawl plugs and clamped using heavy gauge saddles at an interval of 300mm using NF screws and on either end of the pipe terminated completely.25mm(P.NO 3,1.9.2)	Mtr	100.00			100.00	32.39	3238.50	100.00	3238.50

Sl.	Specifications	Unit	Estimated Quantity	Previous Quantity		Present Quantity			Upto Date Quantity	
				Qty	Amount	Qty	Rate	Amount	Qty	Amount
48	Supplying And Fixing Metal Fan Box with Round Hook.(P.NO 3,1.12)	Nos	49.00			49.00	99.31	4866.39	49.00	4866.39
49	Point wiring using Copper wire without switch. Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2X1.5Sq.mm Cable confirming to the GTP without switch, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block complete for each outlet. GROUP A.Short point upto 3Mtr from tapping point to out let via switch (P No 5 ; I No 2.1.1)	Point	83.00			83.00	187.83	15590.14	83.00	15590.14
50	Point wiring using Copper wire without switch. Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2X1.5Sq.mm Cable confirming to the GTP without switch, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block complete for each outlet. GROUP A.Medium point above 3M. upto 6M from tapping point to out let via switch (P No 5 ; I No 2.1.2)	Point	81.00			81.00	264.48	21422.68	81.00	21422.68
51	Point wiring using Copper wire without switch. Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2X1.5Sq.mm Cable confirming to the GTP without switch, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block complete for each outlet. GROUP A.Long point above 6Mtr. upto 10M from tapping point to out let via switch (P No 5 ; I No 2.1.3)	Point	191.00			191.00	391.86	74844.97	191.00	74844.97
52	Point wiring using Copper wire without switch. Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2X1.5Sq.mm Cable confirming to the GTP without switch, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block complete for each outlet. GROUP A.Two outlet in a row, above 3Mtr upto 6Mtr from tapping point to out let via switches (P No 6 ; I No 2.1.4)	Point	10.00			10.00	520.32	5203.19	10.00	5203.19
53	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A.1.5 sqmm	Mtr	524.00			524.00	20.08	10521.24	524.00	10521.24

Sl.	Specifications	Unit	Estimated Quantity	Previous Quantity		Present Quantity			Upto Date Quantity	
				Qty	Amount	Qty	Rate	Amount	Qty	Amount
55	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A.2.5 sqmm	Mtr	1878.00			1878.00	31.52	59197.19	1878.00	59197.19
55	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A.4 sqmm (P.No. 6, I.No.2.5.4)	Mtr	950.00			950.00	45.45	43174.60	950.00	43174.60
56	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A.6 sqmm (P.No. 6, I.No.2.5.5)	Mtr	240.00			240.00	68.87	16529.30	240.00	16529.30
57	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Mtr	820.00			820.00	116.59	95600.52	820.00	95600.52
58	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Each	2.00			2.00	98.23	196.47	2.00	196.47
59	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Each	2.00			2.00	105.79	211.58	2.00	211.58
60	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Each	22.00			22.00	151.13	3324.86	22.00	3324.86
61	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Each	7.00			7.00	171.64	1201.48	7.00	1201.48
62	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Each	23.00			23.00	185.67	4270.50	23.00	4270.50
63	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Each	2.00			2.00	117.67	235.33	2.00	235.33

Sl.	Specifications	Unit	Estimated Quantity	Previous Quantity		Present Quantity			Upto Date Quantity	
				Qty	Amount	Qty	Rate	Amount	Qty	Amount
64	**Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.**	**Each**	2.00			2.00	131.70	263.40	2.00	263.40
65	**Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.**	**Each**	22.00			22.00	215.90	4749.80	22.00	4749.80
66	**Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.**	**Each**	7.00			7.00	245.05	1715.33	7.00	1715.33
67	**Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.**	**Each**	23.00			23.00	288.23	6629.21	23.00	6629.21
68	**Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.**	**Each**	58.00			58.00	68.01	3944.49	58.00	3944.49
69	**Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.**	**Each**	20.00			20.00	93.92	1878.33	20.00	1878.33
70	**Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.**	**Each**	58.00			58.00	102.55	5948.05	58.00	5948.05
71	**Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.**	**Each**	49.00			49.00	308.74	15128.11	49.00	15128.11
72	**Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.**	**Nos**	1250.00			1250.00	7.34	9175.75	1250.00	9175.75
73	**Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.**	**Each**	165.00			165.00	1068.71	176336.33	165.00	176336.33
74	**Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.**	**Nos**	73.00			73.00	2016.51	147204.94	73.00	147204.94

SL	Specifications	Unit	Estimated Quantity	Previous Quantity		Present Quantity			Upto Date Quantity	
				Qty	Amount	Qty	Rate	Amount	Qty	Amount
75	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Nos	10.00			10.00	20208.24	202082.40	10.00	202082.40
76	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Each	2.00			2.00	6270.82	12541.63	2.00	12541.63
77	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Each	1.00			1.00	7958.07	7958.07	1.00	7958.07
78	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Nos	3.00			3.00	1558.73	4676.20	3.00	4676.20
79	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Each	51.00			51.00	451.23	23012.78	51.00	23012.78
80	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Each	8.00			8.00	2089.91	16719.30	8.00	16719.30
81	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Each	6.00			6.00	1750.95	10505.69	6.00	10505.69
82	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Each	3.00			3.00	3870.01	11610.02	3.00	11610.02
83	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Each	6.00			6.00	2831.53	16989.17	6.00	16989.17
84	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Each	3.00			3.00	3616.33	10848.98	3.00	10848.98
85	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Each	2.00			2.00	8633.84	17267.68	2.00	17267.68

SL	Specifications	Unit	Estimated Quantity	Previous Quantity		Present Quantity			Upto Date Quantity	
				Qty	Amount	Qty	Rate	Amount	Qty	Amount
86	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Each	2.00			2.00	421.01	842.01	2.00	842.01
87	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Each	2.00			2.00	487.93	975.87	2.00	975.87
88	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Each	2.00			2.00	185.67	371.35	2.00	371.35
89	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Each	2.00			2.00	151.13	302.26	2.00	302.26
90	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Each	6.00			6.00	477.14	2862.83	6.00	2862.83
91	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Mtr	4.00			4.00	2304.73	9218.93	4.00	9218.93
92	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Mtr	16.00			16.00	283.91	4542.54	16.00	4542.54
93	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Sqcm	200000.00			200000.00	0.36	71247.00	200000.00	71247.00
94	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Nos	4.00			4.00	2943.80	11775.19	4.00	11775.19
95	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Mtr	40.00			40.00	83.12	3324.86	40.00	3324.86
96	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Each	4.00			4.00	846.33	3385.31	4.00	3385.31

SL	Specifications	Unit	Estimated Quantity	Previous Quantity		Present Quantity			Upto Date Quantity	
				Qty	Amount	Qty	Rate	Amount	Qty	Amount
97	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Mtr	135.00			135.00	151.56	20460.84	135.00	20460.84
98	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Mtr	100.00			100.00	178.77	17876.52	100.00	17876.52
99	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Mtr	10.00			10.00	220.22	2202.18	10.00	2202.18
100	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Mtr	135.00			135.00	11.66	1573.91	135.00	1573.91
101	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Mtr	110.00			110.00	17.49	1923.67	110.00	1923.67
102	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Mtr	130.00			130.00	84.20	10946.13	130.00	10946.13
103	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Mtr	15.00			15.00	228.85	3432.81	15.00	3432.81
104	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Mtr	130.00			130.00	111.19	14454.51	130.00	14454.51
105	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Each	6.00			6.00	92.84	557.02	6.00	557.02
106	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Each	2.00			2.00	131.70	263.40	2.00	263.40
107	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Mtr	130.00			130.00	163.00	21190.59	130.00	21190.59

Sl.	Specifications	Unit	Estimated Quantity	Previous Quantity		Present Quantity			Upto Date Quantity	
				Qty	Amount	Qty	Rate	Amount	Qty	Amount
108	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Each	9.00			9.00	6.75	60.72	9.00	60.72
109	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Each	24.00			24.00	8.26	198.20	24.00	198.20
110	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Each	4.00			4.00	12.21	48.84	4.00	48.84
111	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Each	2.00			2.00	22.23	44.45	2.00	44.45
112	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Each	2.00			2.00	38.56	77.12	2.00	77.12
113	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Mtr	230.00			230.00	21.05	4841.56	230.00	4841.56
114	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Each	12.00			12.00	4743.32	56919.88	12.00	56919.88
115	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Each	49.00			49.00	2564.89	125679.71	49.00	125679.71
116	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Each	10.00			10.00	963.99	9639.94	10.00	9639.94
117	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Each	7.00			7.00	189.99	1329.94	7.00	1329.94
118	Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.	Each	238.00			238.00	105.79	25178.26	238.00	25178.26

Sl	Specifications	Unit	Estimated Quantity	Previous Quantity		Present Quantity			Upto Date Quantity	
				Qty	Amount	Qty	Rate	Amount	Qty	Amount
119	**Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.**	**Each**	49.00			49.00	150.05	7352.47	49.00	7352.47
120	**Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.**	**Each**	12.00			12.00	734.06	8808.72	12.00	8808.72
121	**Providing and fixing unplasticised PVC connection pipe with brass union 20mm nominal bore 450mm of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.**	**Each**	119.00			119.00	444.75	52925.73	119.00	52925.73
	TOTAL							**5954802.50**		**5954802.50**

CERTIFICATE:

1. Certified that the Contractor has executed the work as per the design and Drawing Satisfactorly.
2. Certified that the Contractor has cleared debris from the work spot using their own vehicle.
3. There is no Department Issues to the Contractor.
4. Certified that RMC used for all Concrete work.

Asst Engineer
Project Division
Yelahanka ZONE , BBMP

AAsst Executive Engineer
Project Division
Yelahanka ZONE , BBMP

Asst. Executive Enginee
Project Division
Yelahanka Zone
Bangalore

Executive Engineer
Project Division
Yelahanka ZONE , BBMP